Mathematics 10th Class English Medium Unit 13 Online Test

Sr	Questions	Answers Choice
1	The circumference of circle is called:	A. Chord B. Segment C. Boundary
2	A line intersecting a circle is called:	A. Tangent B. Secant C. Chord
3	The Portion of a circle between two radii and an arc is called:	A. Sector B. Segment C. Chord
4	Angle inscribed in a semi-circle is:	
5	The length of the diameter of a circle is how many times the radius of the circle:	A. 1 B. 2 C. 3
6	The tangent and radius of a circle at the point of contact are:	A. Parallel B. Not perpendicular C. Perpendicular
7	Circles having three points in common:	A. Over lapping B. Collinear C. Not coincide
8	If two circles touch each other, their centres and point of contact are:	A. Coincident B. Non-collinear C. Collinear
9	The measure of the external angles of a regular hexagon is:	
10	If the incentre and circumentre of a triangle coincide, the triangle is:	A. An isoscenes B. A right triangle C. An equilateral
11	The measure of the external angles of a regular octagon is:	
12	Tangents drawn at the end points of the diameter of a circle are:	A. Parallel B. Perpendicular C. Intersecting
13	The lengths of two transverse tangents to a pair of circles are:	A. Unequal B. Equal C. Overlapping
14	How many tangents can be drawn from a point outside the circle ?	A. 1 B. 2 C. 3
15	If the distance between the centres of two circles is equal to the sum of their radii, then the circles will:	A. Intersect B. Do not intersect C. Touch each other externally
16	If the two circles touches externally, then the distance between their centres is equal to the:	A. Difference of their radii B. Sum of their radii C. Product of their radii
17	How many common tangents can be drawn for two disjoint circles ?	A. 2 B. 3 C. 4
18	_____ Common tangents can be drawn for two touching circles:	A. 2 B. 3 C. 4 D. 5
19	The word geometry is derived from two Greek words namely Geo and:	A. Size B. Land C. Metron D. Shape
20	Geometry means measure of the:	A. Earth or Straight line B. Earth or Land C. Triangle or Polygon

		C. Triangle or Polygon D. Earth or Point
21	Eculid's Elements have been thought as _____ all over the word for countries:	A. Text book B. Reference book C. Helping book D. Major subject
22	A circle of any radius can be constructed by rotating a compass about:	A. A chord B. An arc C. The straight line D. A fixed point
23	The boundary of a circle is called:	A. Circumference B. Arc C. Line D. Area
24	The circumference of a circle is called _____ of a circle:	A. Chord B. Arc C. Radius D. Boundary
25	The line joining the two points of circle is called:	A. Chord B. Diameter C. Arc D. Radius
26	Circles having three points in common will:	A. Be perpendicular B. Concide C. Intersect D. Be equal
27	The distance of a point inside the circle from its centre is _____ than the radius:	A. Greater B. Equal C. Shorter D. Less
28	The distance of a point outside the circle from its centre is _____ than the radius:	A. Less B. Equal C. Greater D. None of these
29	One and only one circle can be drawn through _____ non-collinear collinear points:	A. One B. Two C. Three D. Four
30	Ange inscribed in a semi-circle is a _____ angle:	A. Abtuse B. Right C. Supplementary D. Acute
31	The radius of incricle is called:	A. In-radius B. Escribed radius C. E-radius D. Radius
32	The centre of incicle is called:	A. Origin B. Incentre C. Centre D. Fixed point
33	From a point outside the circle _____ tangents can be drawn:	A. One B. Two C. Three D. Four
34	A tangent is perpendicular to the radius of a circle at its point of:	A. Tangent B. Touch C. Contact D. Meet
35	Two circles cannot cut each other at more than _____ points:	A. One B. Two C. Three D. Four
36	The perpendicular bisector of a chord of a circle passes through the:	A. Centre B. Radius C. Diameter D. Arc
37	The length of two common tangents to two circles are _____ to each other:	A. Perpendicular B. Equal C. Parallel D. Un-equal
		A. Right angle B. Scaleve

38	If the incentre and circumcenter of a triangle coincide the triangle is:	D. Scalene C. Isosceles D. Equilateral
39	Two intersecting circles are not:	A. Incentric B. Escribecentric C. Concentric D. Circumcentri
40	The radius of a circumscribed circle is called:	A. Circum-radius B. Escribed-radius C. In-radius D. Radius